

WOOD BORING AND UTILITY TOOLS



CONNECTICUT VALLEY

MANUFACTURING CO., INC.

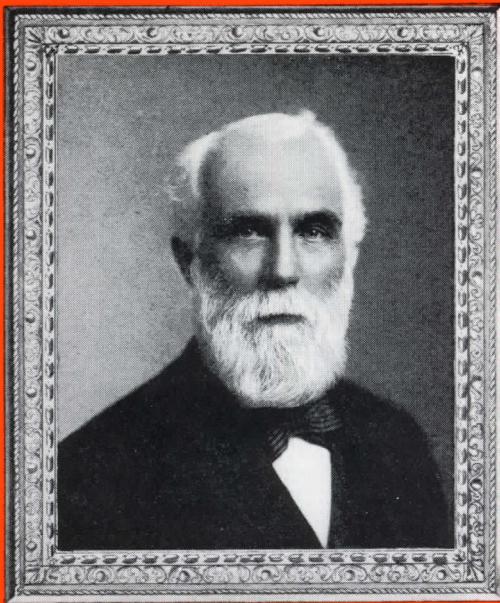


THE CONNECTICUT VALLEY MFG. CO.

P. O. BOX 3200

NEW BRITAIN, CONNECTICUT 06050

INCORPORATED 1874



At The Connecticut Valley Manufacturing Company we see a flourishing, fourth-generation, family-operated plant.

This tradition was set in motion by Alfred M. Wright, who joined the original firm in 1866.

About 1890 he decided there was a real need for a good expansive bit. With this tool a carpenter or pattern-maker could enjoy the convenience and economy of a single bit capable of boring holes of many sizes.



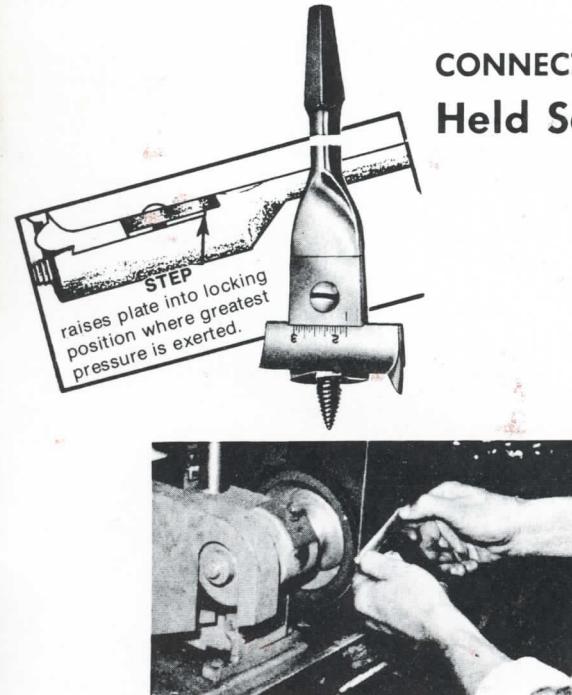
HOW YOU SAVE WITH EXPANSIVE BITS . . .

You would have to spend a lot of money to own enough auger bits to bore

all stock sizes from $\frac{1}{2}$ " to 5". Yet with only two *Expansive Bits*, and extra cutters, you can bore any size hole — stock or in-between — in this range.

CONNECTICUT VALLEY EXPANSIVE BIT CUTTERS Held Securely By Stepped Clamping Plate

When the bit is held sideways a step may be seen at the base of the dovetail. It is this step that raises the plate into a locking position, where the greatest pressure is exerted,



1. Keen edge assured when sharpened by hand

Steel used in Connecticut Valley expansive bits is always uniform — forged and heat-treated in our own plant. Hand sharpening at the factory makes good work easier.

2. Positive, dependable feed because threads on points are milled

The threads on Connecticut Valley bits are cut smooth because they are milled from solid stock. Smooth threads are always on the job; drawing the bit steadily with every turn. There are no rough edges to snag wood fibres and clog them between threads.





**WRIGHT PATENT
EXPANSIVE BITS**

Brace Type - Micromatic Adjustment

No.	Name	Length	Cutters Furnished	Capacity	Standard Packing	Shipping Weight
10	Wright Large Brace Bit	9"	#3 #4	bore holes $\frac{7}{8}$ " to 3"	6 pouches	3½ lbs.
20	Wright Small Brace Bit	8"	#1 #2	bore holes $\frac{5}{8}$ " to $1\frac{3}{4}$ "	6 pouches	5 lbs. per doz.

Special Advantages of

WRIGHT

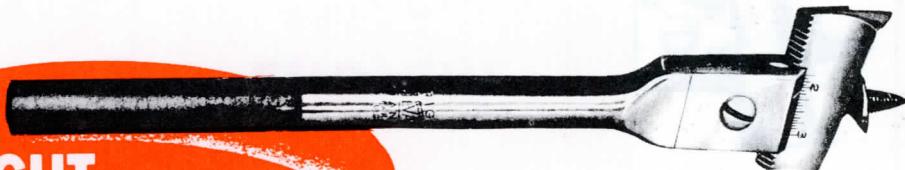
EXPANSIVE BITS

ACCURATE HOLE SIZE — with CLAMPED
Micromatic Adjustment . . .



At the bottom of the cutter, teeth mesh with a screw, which is held tightly in a clamping plate. Turning the screw gives a direct-reading, micromatic adjustment (no calculations when using this bit). And because the cutter is held in mesh with the screw thread, this cutter stays exactly where placed, until you reset it for another hole.

Visual packaging for both the No. 10 and No. 20 sizes provides dealers with opportunities for open counter display where the bit sells itself.

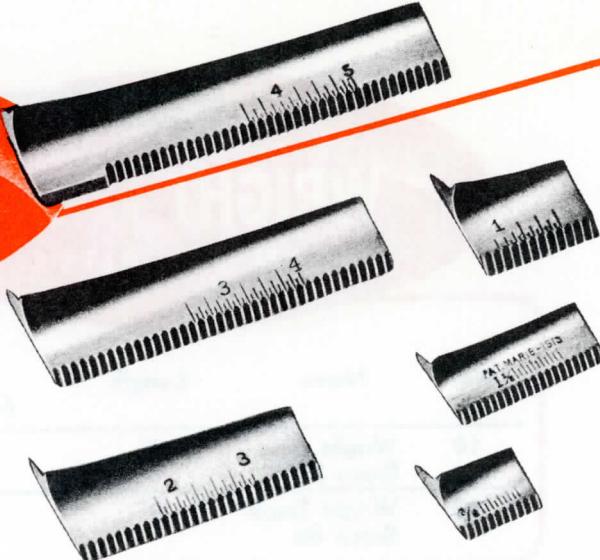


**WRIGHT PATENT
EXPANSIVE MACHINE BITS**

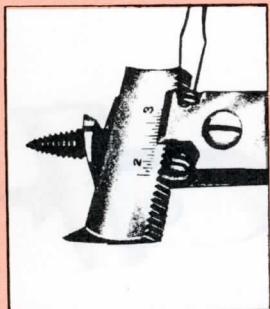
Micromatic Adjustment

No.	Name	Length	Shank Diam.	Cutters Furnished	Capacity	Standard Packing	Shipping Weight
110	Wright Large Machine Bit	8"	½"	#3 #4	bore holes $\frac{7}{8}$ " to 3"	6 pouches	4 lbs.
120	Wright Small Machine Bit	7"	½"	#1 #2	bore holes $\frac{5}{8}$ " to $1\frac{3}{4}$ "	6 pouches	2½ lbs.

CUTTERS FOR ALL
WRIGHT
 EXPANSIVE BITS



No.	Name	Capacity	Packing	Shipping Weight
1	Wright Cutter	5/8" to 1 1/8"	one doz. per box	4 oz. per doz.
2	Wright Cutter	1 1/8" to 1 3/4"	one doz. per box	4 oz. per doz.
3	Wright Cutter	7/8" to 1 3/4"	one doz. per box	6 oz. per doz.
4	Wright Cutter	1 3/4" to 3"	one doz. per box	10 oz. per doz.
5	Wright Cutter	3" to 4"	one doz. per box	14 oz. per doz.
6	Wright Cutter	4" to 5"	one doz. per box	1 lb. per doz.



WRIGHT EXPANSIVE BITS

POSITIVE ADJUSTMENT TO EXACT HOLE SIZE

Frequently woodworkers are faced with the problem of fitting a plug or a rung into a round hole with a close fit. In this situation the workman adjusts his expansive bit to the exact size of the plug. His adjustment is faster and easier when he uses a Wright Expansive Bit.

On the face of the cutter, graduations are marked to $\frac{1}{16}$ inch. But even closer adjustment is possible.

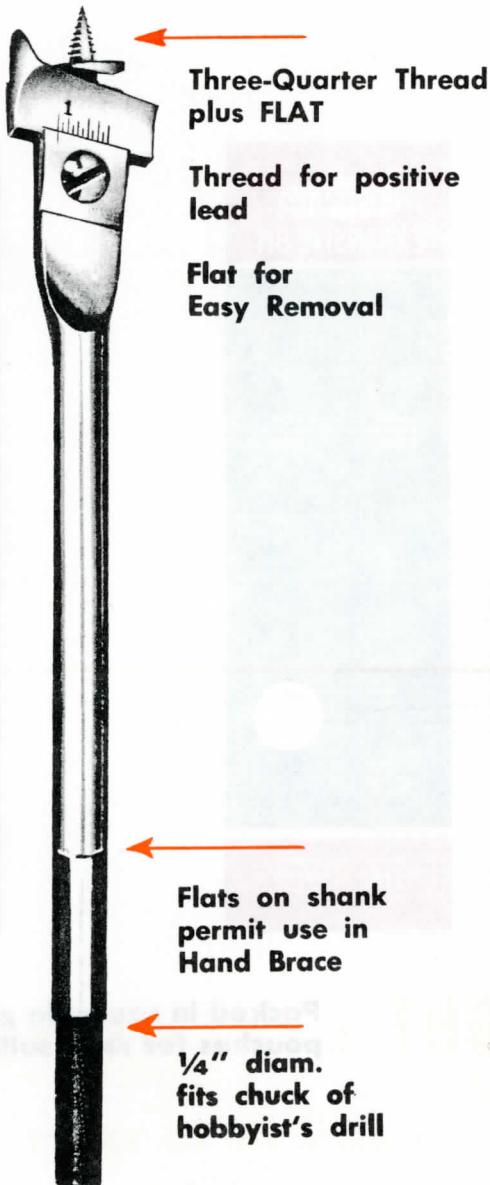
Because the cutter is moved $\frac{1}{16}$ " by one complete turn of the adjusting screw, the workman can position the cutter exactly where he wishes. He adjusts to many sizes that fall between the sizes of stock bits. And he also finds the adjusting screw a big convenience when setting the cutter to duplicate a hole already bored.

**CONN.
VALLEY**

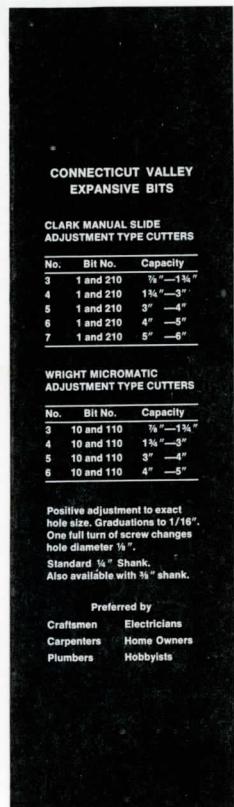
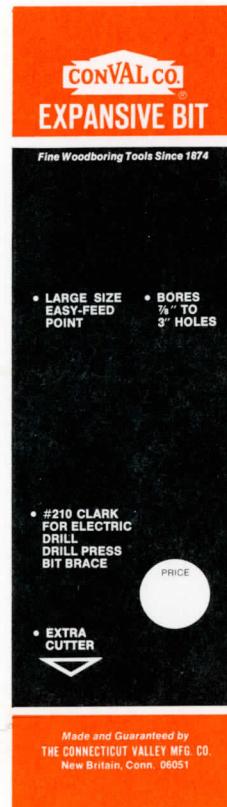
Expansive

MACHINE BITS

for Electric Drill
or Drill Press



ALSO FITS INTO HAND BRACE



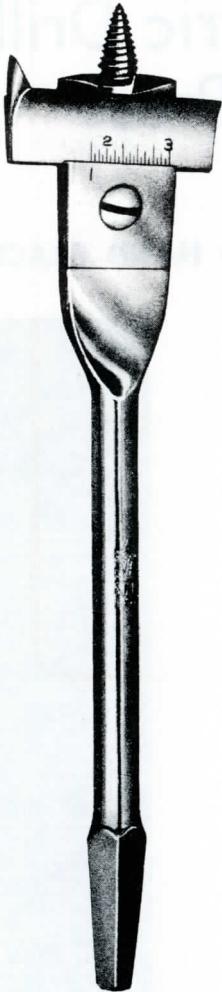
Packed in
reusable
plastic pouches
for rack selling

No.	Name	Cutters Furnished	Capacity	Shank Size	Standard Packing	Shipping Weight
210	Hobbyist	#3 #4	7/8" to 1 3/4" 1 3/4" to 3"	1/4" or 3/8"	6 pouches	3 1/2 lbs.
220	Hobbyist	#1 #2	1/2" to 7/8" 7/8" to 1 1/2"	1/4"	6 pouches	2 lbs.

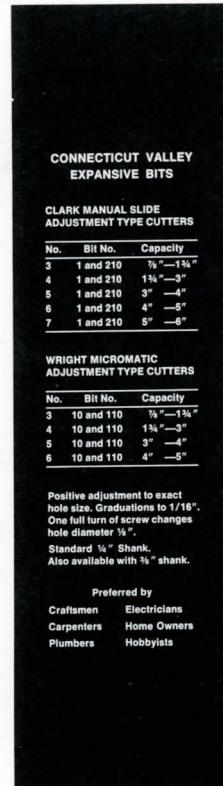
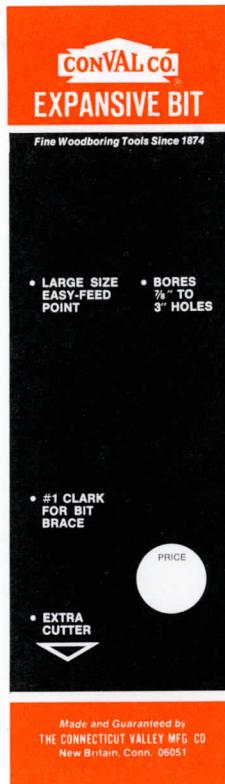
**CONN.
VALLEY**

Expansive

HAND BRACE BITS



#1 (large)
#2 (small)
**Takes two sizes
of cutters**



**Packed in reusable plastic
pouches for rack selling**

No.	Name	Length	Cutters Furnished	Capacity	Standard Packing	Shipping Weight
1	Conn. Valley Large Brace Bit	9"	#3 #4	1/8" to 3"	6 pouches	3 1/2 lbs.
2	Conn. Valley Small Brace Bit	8 1/4"	#1 #2	1/2" to 1 1/2"	6 pouches	2 lbs

CUTTERS FOR ALL
CONN. VALLEY
 EXPANSIVE BITS



No.	Name	Capacity	Packing	Shipping Weight
1	Conn. Valley Cutter	1/2" to 7/8"	one doz. per box	4 oz. per doz.
2	Conn. Valley Cutter	7/8" to 1 1/2"	one doz. per box	4 oz. per doz.
3	Conn. Valley Cutter	7/8" to 1 3/4"	one doz. per box	6 oz. per doz.
4	Conn. Valley Cutter	1 3/4" to 3"	one doz. per box	10 oz. per doz.
5	Conn. Valley Cutter	3" to 4"	one doz. per box	14 oz. per doz.
6	Conn. Valley Cutter	4" to 5"	one doz. per box	1 lb. per doz.
7	Conn. Valley Cutter	5" to 6"	one doz. per box	1 lb. 4 oz. per doz.

These cutters fit: _____

Conn. Valley HAND BITS

#1

#2

Conn. Valley MACHINE BITS

#210

#220

**HOW TO SHARPEN CONNECTICUT VALLEY
 AND WRIGHT PATENT EXPANSIVE BITS**



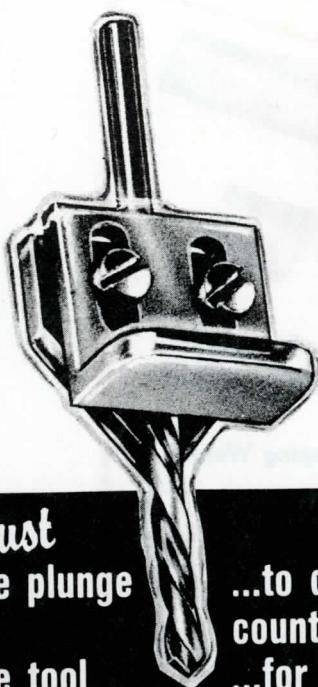
Like any hand tool one of these bits will become dulled after prolonged use. So it is advisable that the user know the accepted practice of resharpening.

The first step is to remove the cutter from the bit. Then . . .

- To sharpen cutting edge of bit use a fine file and sharpen from Under Side of cutting lip, matching in with base of thread.

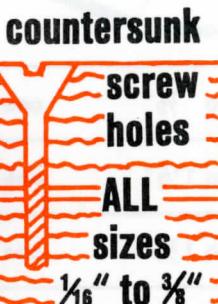
- To sharpen cutter place it in your bench vise (see illustration). Using fine file, sharpen spur From Inside to cutting edge. Follow the original contour carefully, leaving as much height as possible.

- To sharpen cutting edge of cutter use round side of fine, half-round file. Always sharpen from the Face side.



**Just
one plunge
one tool**

...to drill and
countersink
...for your different
sizes of drills



HOW TO CHANGE YOUR DRILLS

1. loosen set screws



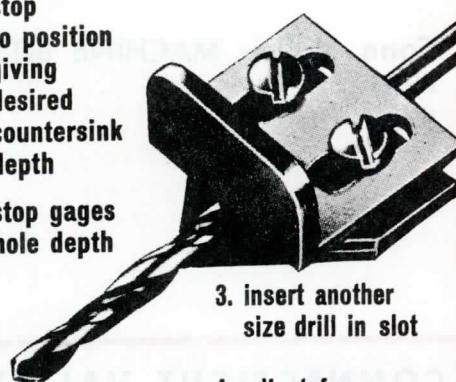
slot
for drill

CONVALCO

2. remove drill



stock #70



3. insert another
size drill in slot

4. adjust for:
 - hole depth
 - countersink depth
5. tighten set screws

THE CONN. VALLEY MFG. CO.
NEW BRITAIN, CONN. 06051

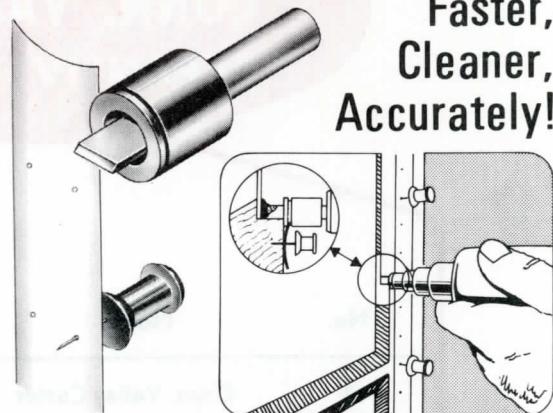
Made in U.S.A.

Std. Pkg. Shipping Wgt.
#70 12 3 lbs.

Adjustable Countersink Drill Holder

THE PUTTY CHASER

NEW! Removes hard putty
Faster, Cleaner,
Accurately!



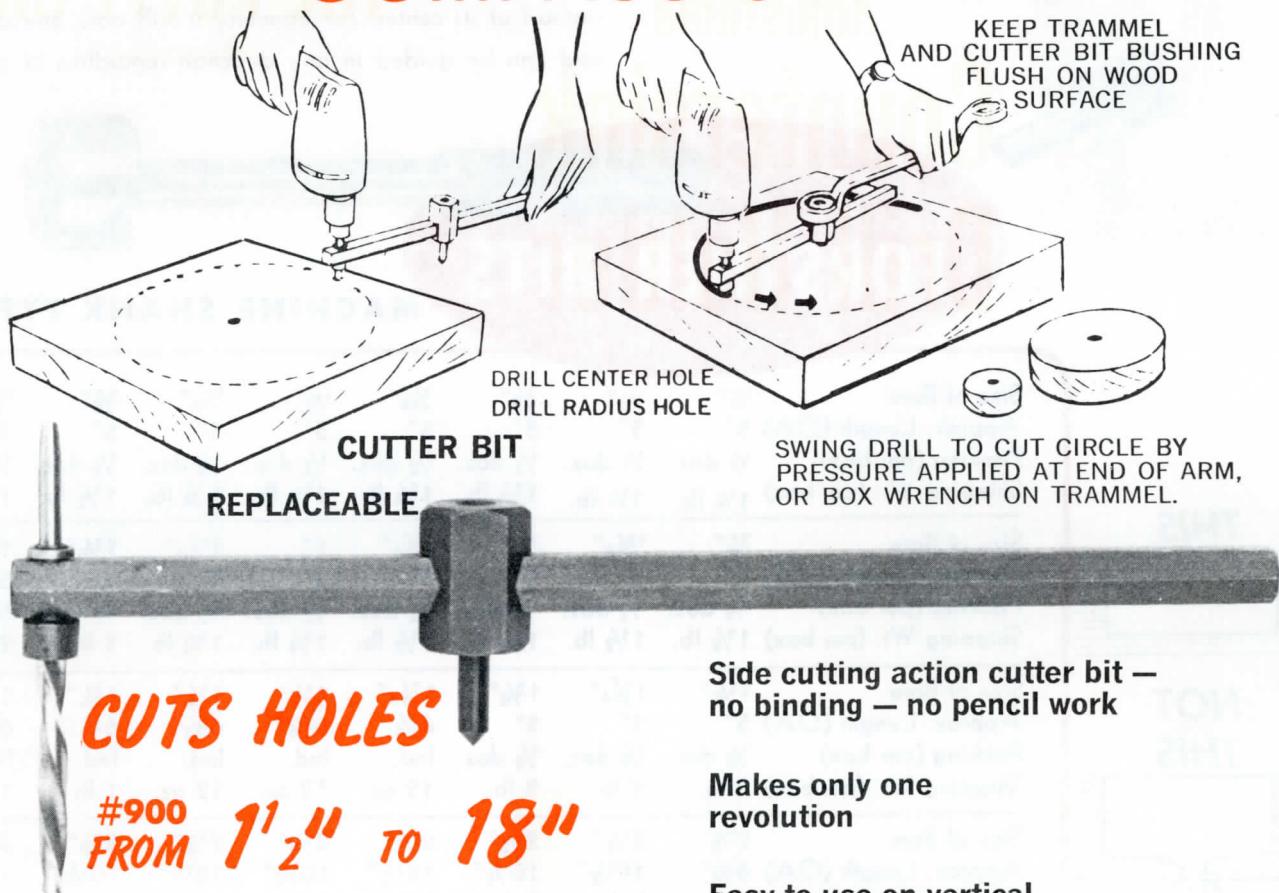
Simple and easy to use. Can be powered by $\frac{1}{4}$ " electric drill or a hand grinder. Removes hard window putty without removing the sash or storm window framing. Will not char the wood or crack the glass. No cuts, bruises or scratches. Steel guide strip insures even removal of putty to $\frac{1}{32}$ " from wood and glass. Cutter has solid carbide tip for long working life. Complete instructions included with tool. Two models available: No. 101— $\frac{1}{8}$ " shank for hand grinder; No. 102— $\frac{1}{4}$ " shank for electric drill. Pat. pending.

No. 101 - $\frac{1}{8}$ " SHANK

No. 102 - $\frac{1}{4}$ " SHANK



COMPASS CUTTER



CUTS HOLES

#900
FROM **1½" TO 18"**

Side cutting action cutter bit —
no binding — no pencil work

Makes only one
revolution

Easy to use on vertical
panels.

BEST USED IN ELECTRIC DRILLS WITH FAST RPM



Center of trammel point to inside edge of cutter bit gives hole radius, (direct reading scale for hole diameter on back of bubble pack display card)

Special cutter bit with router action cuts at point as well as along length of its side.

COMPASS CUTTER provides a simple method of cutting large openings in wood, light sheet metal, plastics, and fiberglass.

REG. U.S. PAT. OFF
CONVALCO.

*Rack Selling from Bubble-Pack
Display Card*

COMPASS CUTTER

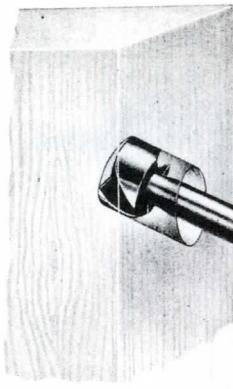
#900

Std. Pkg.

Wgt.
4 lbs.

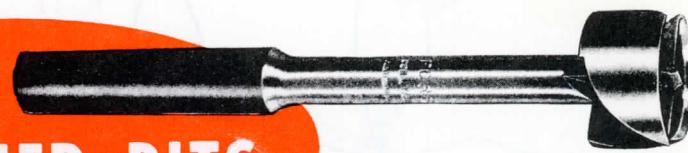
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THE CONNECTICUT VALLEY MFG. CO., NEW BRITAIN, CONN.



FOR SMOOTH, ROUND OR OVAL BORING, SCROLL AND TWIST WORK

The FORSTNER Bit, unlike other bits, is guided by its Circular Rim instead of its center, consequently it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots,

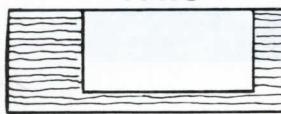


FORSTNER BITS

MACHINE SHANK TYPE NO. 60

Size of Bore	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Approx. Length (OA)	5"	5"	5"	5"	5"	5"	5"	5"
Packing (per box)	1/2 doz.	1/2 doz.						
Shipping Wt. (per box)	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/2 lb.	1 1/2 lb.

THIS



NOT
THIS



Size of Bore	$\frac{3}{4}$ "	$1\frac{3}{16}$ "	$\frac{7}{8}$ "	$1\frac{5}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{15}{16}$ "
Approx. Length (OA)	5"	5"	5"	5"	5"	5"	5"	5"
Packing (per box)	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.
Shipping Wt. (per box)	1 1/2 lb.	1 1/2 lb.	1 1/2 lb.	1 1/2 lb.	1 3/4 lb.	1 3/4 lb.	2 lb.	2 lb.

Size of Bore	$1\frac{1}{4}$ "	$1\frac{3}{16}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	2"
Approx. Length (OA)	5"	5"	5"	6 3/4"	6 3/4"	6 3/4"	6 3/4"	6 3/4"	6 3/4"
Packing (per box)	1/2 doz.	1/2 doz.	1/2 doz.	Ind.	Ind.	Ind.	Ind.	Ind.	Ind.
Shipping Wt. (per box)	2 lb.	2 lb.	2 lb.	12 oz.	12 oz.	12 oz.	1 lb.	1 lb.	1 lb.

Size of Bore	$2\frac{1}{8}$ "	$2\frac{1}{4}$ "	$2\frac{3}{8}$ "	$2\frac{1}{2}$ "	$2\frac{5}{8}$ "	$2\frac{3}{4}$ "	$2\frac{7}{8}$ "	3"
Approx. Length (OA)	6 3/4"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"
Packing (per box)	Ind.	Ind.						
Shipping Wt. (per box)	1 lb.	2 lb.	2 lb.	2 lb.	2 1/4 lb.	2 1/4 lb.	2 1/4 lb.	2 1/2 lb.

Machine bits are furnished with round shanks $\frac{1}{2}$ " in diameter, $\frac{1}{2}$ " being regular on sizes up to and including $2\frac{1}{8}$ ". Machine bits larger than $2\frac{1}{8}$ " dia. have $\frac{3}{4}$ " round shanks. $\frac{1}{4}$ " and $\frac{5}{16}$ " have $\frac{5}{16}$ " shank. $\frac{3}{8}$ " has $\frac{3}{16}$ " shank. Other size shanks can be furnished on special order at special prices.



FORSTNER BITS

BRACE SHANK TYPE NO. 50

Size of Bore	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
Approx. Length (OA)	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 3/4"	6 3/4"	6 3/4"	6 3/4"
Packing (per box)	1/2 doz.	1/2 doz.	1/2 doz.						
Shipping Weight (lbs.)	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/4 lb.	1 1/2 lb.	1 1/2 lb.	1 1/2 lb.

Size of Bore	$1\frac{3}{16}$ "	$\frac{7}{8}$ "	$1\frac{5}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "
Approx. Length (OA)	7 1/4"	7 1/4"	7 1/4"	7 1/4"	7 3/4"	7 3/4"	7 3/4"	7 3/4"	8 1/4"
Packing (per box)	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.	1/2 doz.
Shipping Weight (lbs.)	2 3/4 lb.	2 lb.	2 lb.	2 1/4 lb.	2 1/4 lb.	2 1/2 lb.	2 1/2 lb.	2 3/4 lb.	2 3/4 lb.

Size of Bore	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	2"
Approx. Length (OA)	8 1/4"	8 1/4"	8 1/4"	8 1/4"	8 3/4"	8 3/4"	8 3/4"
Packing (per box)	1/2 doz.	Ind.	Ind.	Ind.	Ind.	Ind.	Ind.
Shipping Weight (lbs.)	2 3/4 lb.	12 oz.	12 oz.	1 lb.	1 lb.	1 lb.	1 lb.

For boring any arc of a circle

WRIGHT'S



PATENT COUNTERBORE NO. 80

This improved counterbore incorporates many novel features which in combination produce a wonderfully efficient tool for use in boat building, cabinet work or any construction which requires a bung over the fastening. It combines drilling to guide the fastening and counterboring for the bung into a single operation. The tool is made with $\frac{1}{4}$ in. round shank for use in small electric, hand or breast drills.

It has the extension lip which has proven to be the superior form of cutting edge for wood boring tools. The depths which the drill and counterbore cut are both adjustable. The stop which determines depth of counterbore is of novel construction having a chipway which is always in perfect relation to the flute of the bit thus allowing the chips free exit and preventing their accumulation under the stop.

Diameter	Drill No.	Shank Size	Packing	Shipping Wt.
$\frac{3}{8}$ "	36	$\frac{1}{4}$ "	Individual	4 oz.
$\frac{1}{2}$ "	30	$\frac{1}{4}$ "	Individual	6 oz.
$\frac{5}{8}$ "	25	$\frac{3}{8}$ "	Individual	8 oz.
$\frac{3}{4}$ "	18	$\frac{1}{2}$ "	Individual	12 oz.

Fitted with Drills larger than above specifications at an extra charge of 20%.



PATENT COUNTERSINK NO. 85

Diameter	Drill No.	Shank Size	Packing	Shipping Wt.
$\frac{1}{2}$ "	30	$\frac{1}{4}$ "	Individual	6 oz.
$\frac{5}{8}$ "	18	$\frac{5}{16}$ "	Individual	8 oz.

Fitted with Drills larger than above specifications at an extra charge of 20%.

SPIRAL WOOD PLUG CUTTER

A carefully designed, one-piece tool for cutting cross-grain plugs or end-grain dowels. Both the inside and the outside of cutter barrel are accurately ground after hardening to assure easy clearance and accurate plug size. Produced in three styles.

Plug is outlined with a knife-edge rim, while stock is removed with a single cutting edge, which is slightly pitched to produce an exceptionally smooth, clean cut. Carefully made of tough, alloy steel for long life. Easily sharpened.



ECONOMY PLUG CUTTER

This Plug Cutter will cut Dowel or Plug $\frac{1}{2}$ " long - Excellent for Boat, Home Owner, & Hobbyist:

$\frac{1}{4}$ "	$\frac{1}{4}$ " Shank	$\frac{5}{8}$ "	$\frac{3}{8}$ " Shank
$\frac{5}{16}$ "	"	$\frac{3}{4}$ "	"
$\frac{3}{8}$ "	"	$\frac{7}{8}$ "	"
$\frac{7}{16}$ "	"	1"	"
$\frac{1}{2}$ "	"		

No. 90 with a $\frac{1}{4}$ " shank, for home workshop, also cuts dowels up to $1\frac{1}{2}$ " in length

# 90	&	# 100
Both have the following sizes		
$\frac{1}{4}$ "		$\frac{5}{8}$ "
$\frac{5}{16}$ "		$\frac{3}{4}$ "
$\frac{3}{8}$ "		$\frac{7}{8}$ "
$\frac{7}{16}$ "		1"
$\frac{1}{2}$ "		



No. 100 a heavier tool for commercial use, features $\frac{3}{8}$ "shank for large power tools, and a heavy-duty, $2\frac{3}{8}$ " long cutting barrel that delivers plugs up to $1\frac{1}{8}$ " long. It comes in nine sizes to cut plugs from $\frac{3}{8}$ " to 1" diameter.

ALL PLUG CUTTERS ARE
PACKED ONE PER BOX

ALL PLUG CUTTERS ARE
PACKED ONE PER BOX

TOOL No.
324

SHAPE SKRAPE

Ideal for Homeowner—Hobbyist—Handyman



Scraper Goes Where Sandpaper Can't

To get at tight spots on furniture or window frames for refinishing or repainting, Shape-Skrape has six quickly interchangeable blades to fit virtually any

surface contour. Handle and long shank assure positive control; blades are hard-tool steel and reversible. Shape-Skape

THE NEW Heavy Duty HAND SCRAPER

THE REFINISHER'S BEST FRIEND

Gets into those corners that sandpaper can't reach.

THIS TOOL COMES WITH 2" SCRAPER AND OVERRSIZE HANDLE FOR THE PROFESSIONAL. GOOD FOR PAINT SCRAPING, WINDOW SILLS, FURNITURE, ETC.

SHAPESKRAPE

TOOL
No.

325

